

In a post Rio+20 world

Building Africa's Science, Technology and Innovation (STI) Capacity Today for Sustainable African Development Tomorrow



2012 ATPS Annual Conference Reflects on a Post-Rio+20 Future

The African Technology Policy Studies Network (ATPS) and its partners expressed optimism that the outcomes of the Rio+20 conferences would deliver greater global commitment to sustainable development, a move that is likely to encourage developed countries to increase development aid to Africa.

This was at the ATPS annual conference which was held from 19 – 23 November 2012, themed "Emerging Paradigms, Technologies and Innovations for Sustainable Development: Global Imperatives and African realities".

Hosted at the new Africa Union Commission, Ethiopia, the conference urged African countries to undertake strategic transformative reforms in its Science, Technology and Innovation (STI) knowledge structures, institutions and governance structures, agricultural and resources systems research, intra-Africa cooperation as well as knowledge circulation and networks.

Issue No. 27 May 2013

In this issue...

4. 2012 ATPS Annual Conference

5. ATPS participates in the 1st Bio-Innovate

Regional Scientific Conference

5. Women and Youth in STI

6. Bio-Economy through Policy in Eastern Africa

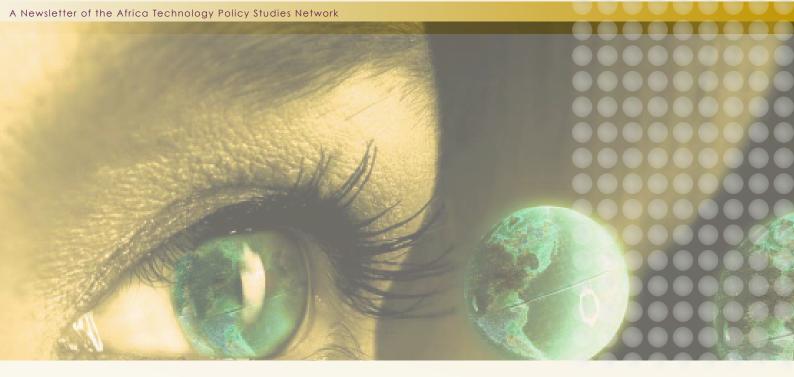
6. ATPS Participates in UNESCO's Science Policy Workshop

7. ATPS launches new Chapters

- 8. Spotlight on Chapters & Focal Points
- 10. ATPS News Round UP
- 13. Side events at RIO+20
- 14. ATPS Publications Series
- 15. Staff highlights
- 16. Pictorial
- 17. Farewell Prof. Abeeku



CONTINUED ON PAGE 4



ATPS News Produced by African Technology Policy Studies Network (ATPS)

Executive Producer Prof. Kevin Urama

Editor Evelyn Otieno

Design and layout/Creative Direction Sarah Wakasa

All Correspondence to: ATPS News African Technology Policy Studies Network (ATPS) 3rd Floor, The Chancery, Valley Road P.O. Box 10081-00100, Nairobi, Kenya Tel: +254-20-2714092/2714498/2723800 Fax: +254-20-2714028

To subscribe to our newsletters please send your name, organization and address to **communications@atpsnet**. org



From the editorial desk...

elcome to issue 27 of the ATPS news. This issue sheds light into a post Rio+20 world which has informed the ATPS 2013 agenda which goes beyond policy formulation-and adoption-to implementation across Africa.

This issue ushers in the ATPS Phase VII Strategic Plan which articulates the ATPS Vision for economic prosperity based on home grown STI knowledge in Africa. This will be achieved through increased Africawide and Diaspora Knowledge Generation and Brokerage, Outreach, Science Communication and Policy Advocacy.

The new USA and Australian ATPS chapters are indeed a step in the right direction. The chapters will play a pivotal role in linking the academia, private sector actors, civil society and governments across the USA, Africa and Australia.

Also highlighted is the status of STI policies in Eastern Africa as well as an account of year-round activities in our various chapters and focal points.

It is with grief that the ATPS network announces the death of Prof. Abeeku Brew Hammond, the first ATPS Ghana Chapter Coordinator. We deeply express our condolences to the late Prof. Abeeku's family and the ATPS Ghana for this great loss.

We are excited to present to you the UNESCO Science report and the African Manifesto in our publications series section. As we aim to foster a bio-economy through policy, track the progress of the ATPS BIPCEA program, other programs and upcoming activities lined up for 2013 by the able ATPS secretariat staff without whom this issue would not have been a success.

Finally, we welcome feedback through the email address provided. We are always excited to keep you reading.

> Evelyn Otieno Communications & Outreach Officer

2012 ATPS Annual Conf<u>erence</u>

CONTINUED FROM PAGE 1

African leaders and researchers deliberate on emerging paradigms, technologies and innovations for sustainable development



"...the continent generally lags behind her peers in skills and competencies required to fully reap the benefits afforded by STI for its development...

Delegates at the 2012 ATPS Annual Conference held in Addi Ababa, Ethiopia, November 2012. Below The Opening session of the 2012 ATPS Annual Conference.

The conference also called upon African countries to adopt development pathways that enhance wealth creation for inclusive green growth and development.

"Without aggressive policies and commitment to build endogenous capacities on the continent, Africa will remain a knowledge consumer and not a knowledge producer in the third industrial revolution," said Prof. Kevin Urama, the Executive Director of ATPS.

Though Africa's scientific capacities and GDP growth has improved during the past decade, technological and innovation capacities remain low and the requisite institutional and governance infrastructures are just emerging.

"Whereas there are pockets of success in application of STI including the mobile telephony and telecommunications, among other fields, which significantly contributed to sustained economic growth in the continent during the past decade, the continent generally lags behind her peers in skills and competencies required to fully reap the benefits afforded by STI for its development," he added.

This was reiterated by Prof. Shaukat Abdulrazak, the chairperson of the ATPS board and the Chief Executive Officer/Secretary of the Kenya National Council for Science and Technology when he said,

"There is need for Africa to build homegrown technologies and innovations for sustainable development".

It was resolved that Africa should keep up with global social, economic and environmental developments and adopt production structures that would deliver jobs and increase incomes.

Though Africa's development efforts have not led to sustainable development, the conference examined the existing structures, barriers and opportunities and provided options for sustainable development in Africa.



The conference is the most inclusive event held each year to discuss Africa's Science, Technology and Innovation trends and development

ATPS participates in the first Bio-Innovate Regional Scientific Conference

ATPS is examining the current status of STI policies in different countries in East Africa namely: Burundi, Kenya, Ethiopia, Rwanda and Tanzania.



In its presentation, the ATPS reported

that the it is examining the current status of Science, Technology and

Innovation policies in different countries

in East Africa namely: Burundi, Kenya, Ethiopia, Rwanda and Tanzania.

The ATPS observed that, hough many policies have been found to guide the development and implementation of

research based policies, most of these

policies are not fully implemented, and hence the need to go beyond

policy formulation-and adoption-to

implementation.

Participants during the Conference

presented

in

Bio-

through

analysis

'Enhancing Value

also

Entrepreneurship Skills Training', a

move which elicited feedback, with

most stakeholders showing interest to be trained on entrepreneurship.

The conference culminated into a request to ATPS to develop

template for other projects within

techno-economic

the Bio-Innovate Program.

ATPS

a

poster titled 'Enhanc Chain Development

Resource Innovation

By Evelyn Otieno

TPS participated in the first Bio-Innovate Regional Scientific Conference at the United Nations Economic Commission for Africa (UNECA), Addis Ababa, Ethiopia from 25 – 27, February 2013.

During the conference the ATPS Presented a paper titled, 'The Status of Science, Technology and Innovation (STI) Policies in Eastern Africa'. The paper is currently being revised for possible publication in a proceeding.

UPCOMING EVENT



Women and Youth in STI

The conference will highlight technological innovations by women and youth leaders in Africa.

The ATPS in partnership with Woodrow Wilson International Center for Scholars will hold a conference aimed at strengthening capacities of women and youth through innovation.

Themed 'Women and Youth as Drivers of Change through Technology and Innovation', the event will take place on 1 May 2013. The conference will highlight technological innovations by women and youth leaders in Africa. This will grow and strengthen the network between current and new generations of women and youth leaders in technology and innovation.

A recent report from the International Center for Research on women indicates that use of technology increased female users' productivity, enabled them to pursue new entrepreneurial opportunities and ultimately improved their economic opportunities (ICR, 2012).

This will compliment ATPS programmes namely: the African Youth Forum for Science and Technology (AYFST) and the African Women Forum for Science and Technology (AWFST), all aimed at building confidence in the generation, use, mastery and self governance of African STI for African development.



Bio-Economy through Policy in Eastern Africa

Taking stock of the BIPCEA project

By Sarah Wakasa

The African Technology Policy Studies Network (ATPS) participated in a Bioscience Innovation Policy Consortium for Eastern Africa (BIPCEA) project meeting.

Held in Bagamoyo, Tanzania from 15-18 January 2013, this is the fourth monitoring, evaluation and planning meeting under the project, which is supported by the Swedish International Development Cooperation Agency (SIDA) through the bio-innovate Program.

BIPCEA is a partnership consortium under the Bio-Innovate Programs in East Africa. It aims to foster a bioeconomy through policy and to provide effective policy support to other Bio-Innovate projects in Eastern Africa.

The project comprises of nine other partner institutions namely the ATPS; Kenya National Council for Science and Technology (KNCST); Tanzania Commission for Science and Technology (COSTECH); Uganda National Council for Science and Technology (UNCST); Ministry of Science and Technology-Ethiopia and the Addis Ababa University-Ethiopia; the Directorate of Science, Technology and Research (DSTR) - Rwanda; International Livestock Research Institute (ILRI); Stockholm Environment Institute (SEI); and the International Service for the Acquisition of Agri-biotech Applications (ISAAA).

Progress

The ATPS reported that it had conducted the first entrepreneurship training in May 2012 in Nairobi. The training of trainers' workshop was attended by 20 trainees from Kenya, Uganda, Tanzania, Rwanda, Ethiopia and Burundi. In addition, plans are underway to hold a second training in Ethiopia later in 2013 with additional funding support from the Bio-Innovate Project.

The trainings are part of the ATPS activities under the project. Other activities include reviewing the status of STI in Eastern Africa, development of an entrepreneurship training manual for scientists; and training of scientists to acquire entrepreneurial skills necessary for commercialization of innovation.

ATPS & UNESCO

ATPS Participates in UNESCO's Science Policy Workshop

"Better governance on Science, Technology and Innovation (STI)"

By Jacinta Kahi

The ATPS participated in a science policy workshop organised by UNESCO's Division for Science Policy and Sustainable Development in collaboration with countries from West and Central Africa.

The workshop held from 12-14 March 2013 at Novotel Hotel in Dakar, Senegal aimed to analyse STI and policy instruments in line with the conference theme "Better governance on Science, Technology and Innovation (STI).

Alongside ATPS, the workshop was also attended by policy makers in STI, development partners, the academia and government officials from Burundi, Burkina Faso, Côte



Conference participants UNESCO's Science Policy Workshop

d'Ivoire, Gabon, Niger and Senegal.

Key in the deliberations was collection, evaluation and monitoring of STI systems within the framework of international initiatives such as the Global Observatory on Science, Technology and Innovation Policy Instruments (GO-SPIN) and Science, Technology and Innovation Global Assessment Programme (STIGAP). The conference culminated into the formation of a task force charged with the responsibility of generating STI country profiles to be integrated into online platforms.

ATPS launches new Chapters

Australian Chapter launch

By Jacinta Kahi and Nelson Akenga

he African Technology Policy Studies Network in collaboration with Murdoch University launched the ATPS Australian Chapter on 27th of August 2012 at Murdoch University's Senate Room, bringing the total number of ATPS Chapters to 30.

The ATPS Australian chapter becomes the principal channel through which talented African-Australians from the academia, business, civil society and government will engage with Africa. This will play a pivotal role in linking Murdoch University with these professionals across Africa, Europe, North America and Asia.

The new chapter will push forward the ATPS agenda by tackling social science, health, agriculture, mineral science and environmental issues, all which revolve around major ATPS themes as well as coincide with Murdoch's research engagements with Africa.

Social science, for instance will handle socio-political dimensions of science, technology and innovation and



High Level Policy Round Table at the launch of ATPS Australian national chapter, Murdoch University, Perth, Australia, 27 August 2012.

ultimately contribute to policy development, a key program of the ATPS. Murdoch University will also get a platform to academically engage and interact with professionals all over the world who are committed to sustainable development.

USA Chapter launch

By Jacinta Kahi and Evelyn Otieno

Policymakers, researchers, private sector actors and the civil society in the United States were sensitized on the role of STI for sustainable development in Africa.

The African Technology Policy Studies Network launched its USA chapter in a colourful event at the Woodrow Wilson International Centre for Scholars, 1300 Pennsylvania Avenue, Washington DC. The event which was held on 8 June 2012 featured a round table discussion on the role of Science, Technology and Innovation (STI) in addressing development challenges in Africa.

In attendance were Dr. Henrietta Ukwu, Senior vice President - Pharmaceutical Product Development USA; Bill Brieger, Professor of Health Systems Research - John Hopkins University; Woodrow Wilson center and ATPS, represented by Prof. Shaukat Abdulrazak, Prof. Tuner Isoun and Prof. Kevin Urama.

In the forum, policymakers, researchers, private sector actors and the civil society in the United States were sensitized on the role of STI for sustainable development in Africa. In a defining moment,



Group Photo at the ATPS-USA launch 08 June 2012, Woodrow Wilson International Centre for Scholars, Washington DC, USA

the African Manifesto for Science Technology and Innovation was presented to the US policy makers and stakeholders. In addition, key stakeholders in the USA National System of Innovation were identified in a bid to drive Diaspora involvement in Africa's STI policy research agenda to effectively address its national and regional development plans.

This ATPS chapter like other Diaspora chapters will give African scientists, technologists and innovators in the Diaspora a forum to build effective networks, linkages and partnerships with their counterparts in Africa for mutual benefits. Through this chapter, ATPS will strengthen its knowledge brokerage between knowledge generators in the Diaspora and policy makers, the private sector actors as well as local communities in Africa.

Spotlight on Chapters & Focal Points

ATPS Benin

The ATPS Benin chapter activities in 2012 focused on training in and lobbying for biotechnology for francophone West-Africa. The chapter undertook a research on climate change induced flood in northern Benin. In addition, young chapter members enrolled for PhD on health policy, due to be completed in 2014.

The chapter also commemorated the African Scientific Revival Day and engaged in African Youth Forum for Science and Technology activities through the ATPS program AYFST. Currently ongoing are several policy researches as well as exchange of experiences and advocacy. One example is the Joint Learning about Innovation Systems in African Agriculture (JOLISAA), being conducted in Benin, Kenya and South-Africa. Also ongoing is the public-private partnership on STI research in Benin.

ATPS Cameroon

The ATPS-Cameroon chapter relocated to a new office space at the Higher Institute of Applied Medical Sciences. The chapter elected a new executive and steering committee to manage specific chapter activities. Apart from providing important linkages, the Chapter made contributions to the Biennial Science, Technology and Innovation (STI) Africa Report produced by the ATPS secretariat for UNESCO.

ATPS Ethiopia

The ATPS Ethiopian chapter identified areas for collaboration with STI stakeholders in Ethiopia. This was through an Ethiopian STI stakeholders' forum organized by the chapter to deliberate on the state of STI in Ethiopia.

The chapter which has 52 members comprising of academicians, researchers, policymakers and experts in agriculture and health, conducted a survey on the state of Science Technology and Innovation (STI) in Ethiopia. The survey identified key innovation actors in Ethiopia, the level of interaction among them, the legal infrastructure and the policy framework governing STI as well as challenges facing innovation system in Ethiopia.

ATPS Liberia

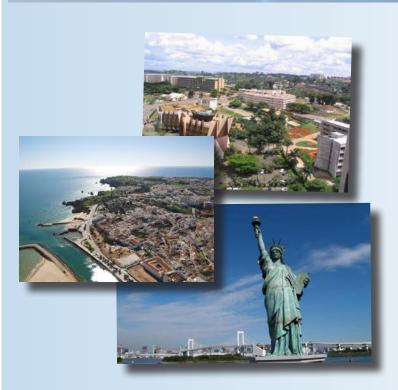
The ATPS Liberian chapter was launched in a colourful event at the Faulkner College of Science and Technology on 22 June 2012. This event coincided with the commemoration of the Science, Technology and Innovation Day in Liberia.

The ATPS secretariat gave a speech on "The Critical Role of Science, Technology and Innovation (STI) in National Growth and Development". The event culminated into a press conference and a radio interview at Lux FM, on the role of STI in National growth and development. The rest of the year was marked with a series of meetings with the minister for education, chair of Vision 2030 and other stakeholders in STI. The agenda in these meetings was the integration of STI in Liberia's national agenda.

ATPS Sudan

The ATPS Sudan chapter was officially launched in a parliamentary round table in Khartoum, Sudan from 16 - 17th January 2012. Top on the roundtable agenda was a discussion on the role of Science, Technology and Innovation (STI) in achieving Sudan's National Development Agenda and the wider Millennium Development Goals. The roundtable was attended by policy makers, NGOs, private sector actors, research institutions, and civil society organizations from Sudan. Prior to this, a stakeholders' analysis was conducted to arrive at a list of participants in the parliamentary roundtable.

Spotlight on Chapters & Focal Points



ATPS Nigeria

The ATPS Nigerian chapter conducted a workshop on trans-disciplinarity, teaching methods, research proposal writing, and university research policy at the university of Nigeria.

This workshop which took place from 5 - 6 March 2012 was attended by delegates drawn from the university's academic staff. The delegates were trained on the concept and methods of trans-disciplinarity, academic research analysis and management of research proposals.

Chaired by the deputy vice chancellor-academics Prof Asuzu, the workshop took the delegates though methods of teaching relevant to climate change as well as how to change their curriculum to achieve this. A proposed curriculum for Masters on Science and PhD programmes on climate change economics, policy and innovation was presented and reviewed. This is poised to shape the training of researchers for more informed policy making.

The ATPS network functions through National Chapters in 30 countries (27 African and 3 Diaspora chapters). The National Chapters operate under National Coordinators who provide intellectual and administrative leadership at country level.

ATPS Uganda

The ATPS Ugandan chapter commemorated the African Scientific Revival Day in a colourful event graced by Uganda's Minister for Agriculture, Hon. Zerubabel Nyiira. The ceremony was attended by 100 delegates drawn from research institutions, civil society organizations, members of parliament, the media and the private sector.

The day was used to domesticate the African Science Manifesto in line with the event theme: 'Strengthening Linkages between Policy Research and Policy Making for Ugandan Development'. The chapter organized a two-day Training of Trainers which was attended by 43 trainees from the academia, research institutions, industry, private sector, government agencies, and the media. The chapter continues to implement the Intellectual Property (IP) program and other programmes under the ATPS strategic plan.

ATPS South Africa

The ATPS South African chapter signed a contract with Sustainability Institute (SI) Projects, to undertake research on SI-ATPS projects giving rise to the Science and Policy for Sustainability project. Commenced on 20 July 2012, the project aims to determine challenges of STI with a view of providing scientific knowledge that supports government actions in mitigating and adapting to climate change.

ATPS USA

The ATPS-USA chapter in collaboration with the Woodrow Wilson International Center for Scholars jointly organized a one-day policy roundtable attended by African STI practitioners in the Diaspora. Held in October 2012, the meeting discussed the roles of Africans in the Diaspora; and friends of Africa in the USA, in ATPS strategic planning. This is aimed at STI policy research and practice in Africa in a post Rio+20 World.



African Leadership Dialogue in Australia

The ATPS participated in an African leadership planning conference in Perth, Western Australia on 30 August 2012. The conference is part of the Australia Mining for Development Initiative launched by the Australian Prime Minister in October 2011. This initiative aims to assist developing countries to translate their resource endowment into significant and sustainable development.

ATPS Australian chapter deliberates on Africa's Mining Vision

An Africa-Australian Research Forum was convened by the ATPS Australian chapter to deliberate on the significance and implementation of Africa's Mining Vision. The vision entails among other things the identification of research priorities for African mining industries and exploring global corporate accountability initiatives.

Held on 28th August 2012 in Perth, Western Australia, the forum was attended by the ATPS, mining companies, academia, NGOs, and government representatives from Kenya and Australia. The delegates explored Africa's Mining Vision and potential partnerships between Australia and Africa to undertake valuable research. Also discussed were infrastructure needs as well as the potential that mining and agriculture holds for Africa's economic development.

Catalyzing and Driving Change through African Innovation

Results of an assessment conducted by ATPS on Carbon for Poverty Reduction initiatives in Africa was presented at the Rockefeller Foundation's Grantees convening which took place from 15th to 17th August 2012. The meeting brought together leaders, dignitaries and policy makers from the government, donors the NGO and private sector to share and exchange knowledge and expertise gained through various grants. In its presentation, the ATPS noted that Science, Technology and Innovation (STI) can create a comprehensive and internally-consistent approach to national planning and development across Africa. This development can be in economic management and governance, security and the environment, health and education, infrastructure, rural development, and income generation.

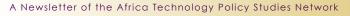
ATPS Fosters Social Innovation in Africa

The ATPS rolled out a project aimed at Understanding and Fostering Social Innovation in Africa. Funded by the Rockefeller Foundation, the project aims to advance the understanding of social innovation among policymakers, science experts, the private sector and civil society in Africa. The project will draw on existing knowledge and enhance the understanding of current knowledge on social innovation in Africa, and its relationships with ongoing research, science, technology, innovation and policy making process in Africa.

This will include a research on the use of concepts in mainstream innovation studies and policy processes; the different degrees to the concepts; similarities as well as differences in understanding of the concept within Africa and beyond. The project will also identify barriers to and opportunities for mainstreaming social innovation in STI policy research as well as research and development funding in Africa.

As part of the project, the ATPS organized a roundtable of policymakers, researchers, private sector actors, practitioners and key development partners to identify and prioritize strategies for mainstreaming social innovation in research and development and policy planning for African development. This event was held as a parallel program during the 2012 ATPS Annual Conference and Workshops from 19th to 22nd November 2012 in Addis Ababa, Ethiopia.

Improving Low Carbon Energy Access in Less Developed Countries



ATPS N

Round up

The ATPS in partnership with the University of Sussex in the UK is implementing a project to Improve Low Carbon Energy Access in Less Developed Countries. Funded by the Climate Development Knowledge Network – an initiative of UK DFID, the project aims to inform the development of Climate Innovation Centres in various developing countries. This project will analyze the history and actors involved in the adoption of solar home systems in Kenya. The objective is to improve the ability of policy to facilitate the transfer and use of low carbon technologies in developing countries for the achievement of pro poor economic development and improved access to modern energy services.

The ATPS has continually engaged in a series of events under the project. For instance, it participated in the second international workshop on Low Carbon Energy for Development held from 10th to 11th September 2012 at the University of Sussex. This workshop was organized as part of the LCEDN, which is funded by the UK Department of Energy and Climate Change and also part of the CDKN funded ATPS - University of Sussex Collaborative Project.

During the workshop, the ATPS presented a Keynote paper on 'Low carbon energy for development: which pathways to energy for all?' The ATPS has established that policymakers, researchers and practitioners - including producers, marketers, retailers and users are the key actors in solar home systems in Kenya and will participate in developing the history of solar home systems in Kenya. The project was launched at the 2012 ATPS Annual Conference and Workshops held from 19-22 November in Addis Ababa, Ethiopia.

Science, Technology and Innovation (STI) for Youth Employment, Human Capital and Inclusive Growth

The ATPS participated in an African forum on STI for youth employment, human capital development and inclusive growth. The forum, jointly organized by UNESCO, the African Development Bank, the African Union Commission and the UN Economic Commission was held in Nairobi, Kenya from 1-3 April 2012.

Participants shared ideas and experiences with experts from different countries on how innovation, can be used to achieve regional and national development. The forum which was also attended by the former Kenyan president Hon. Mwai Kibaki, featured a two-day expert meeting and a ministerial conference led by the Director-General of UNESCO and the president of the African Development Bank.

Also in attendance was the African Youth Forum on Science and Technology (AYFST) which is a program of ATPS. In its presentation, AYFST called for the proactive support for the implementation of the Nairobi Ministerial Declaration. The declaration represents the position of African Ministers in charge of STI, Finance, Planning, and Education as presented in this conference.

ATPS participates in the 'State of the Planet' declaration

The ATPS participated in an international conference of global scientists that yielded to the "State of the Planet" declaration, a precursor to the United Nations conference on sustainable development (Rio+20).

Specifically, the ATPS took part in a roundtable on communicating climate policy. The roundtable which was organized by the Climate Strategies Network sought to interpret Economic and Integrated Assessment Model (IAM) results and analysis of global emissions pathways.

Dubbed 'Planet Under Pressure 2012', the conference focused on solutions to global sustainability in a series of round tables which ran from 26-29 March.

ATPS appointed in Green Growth and poverty reduction task force

The ATPS was appointed to the Organization of Economic Cooperation and Development (OECD) task team on Green Growth and poverty reduction. This was in a task team meeting which took place on 2 March at the OECD headquarters in Paris, France. ATPS will facilitate the OECD on green growth and development. The OECD provides a forum for governments to compare and exchange policy experiences, identify good practices and promote better policies for better lives. It also provides a forum where donor governments and multilateral organizations discuss development co-operation approaches, policies and programmes.

ATPS Collaboration in UNESCO Global Science Report 2010

The ATPS collaborated with experts across Africa to lead the sub-Saharan Africa chapter of the UNESCO Science report for the period 2006 to 2010. The ATPS translated the report into a French version which it disseminates at different STI, youth, gender, inclusive growth and other development forums. An example of forums through which the report was disseminated is the first African forum on STI for youth employment, human capital development and inclusive growth held in Nairobi, Kenya from 1-3 April, 2012.

Towards a green economy

The ATPS participated in an international forum in Brazil, to reflect on the challenges and contributions for a Green Economy. The conference was organized by the International Society for Ecological Economics (ISSE), an organization that advances understanding of relationships among ecological, social, and economic systems. Held between 16-18 June 2012 in Rio de Janeiro, the conference featured panel discussions, round-table discussions, posters and presentations by global scientists.

Emerging at the conference was the fact that though efforts to achieve a green economy held significant prospects, discontent, inequality and exclusion was bound to arise with green growth. It was concluded that cross-disciplinary approaches to green growth should be implemented to achieve sustainable, inclusive and environmentally regenerative development.

ATPS participation in Side Events at RIO+ 20

United Nation

ATPS Discusses Natural Capital and Economic Development at Rio+20

The ATPS participated in side events at the United Nations conference on sustainable development (Rio+20) in Rio de Janeiro, Brazil. Top in the agenda was mainstreaming of natural capital and relevant ecosystem services into the decisions of institutions that drive development policy, rules, plans and investment.

A policy dialogue titled "Natural Capital and Economic Development: Bridging or Breaking?" is one of the discussions featured at the side events. Alongside the ATPS, other institutions represented in this panel include the Chief Ecosystem Services Unit, DEPI, UNEP; The Federal Environment Agency, Germany; Ministry of Planning and Investment, Vietnam and the Ministry of Planning and the Economy, Trinidad & Tobago.

The ATPS opined that there is an urgent need for sustainable management of natural resources and ecosystem services, which are all important for economic development and the wellbeing of people and the planet. The need for more economic approaches targeting policies to ensure action from all stakeholders in preserving ecosystem services for human society was the emerging consensus at the end of the event.

ATPS Shares Solutions for Sustainable Development

The ATPS attended a Rio+20 side event organized by the International Institute for Environment and Development (IIED), UK between 16-18 June 2012. In a session titled 'Sharing Solutions for Sustainable Development', delegates discussed forestry, business capacity and investment; and how they can be used to achieve sustainable development.

It was concluded that there is need for sustainable approaches to forestry, equity and respect for ecological limits. Some of the ways to achieve this would be through strengthened business capacities and investment for locally controlled farm-forestry.

ATPS PUBLICATION SERIES





ATPS Annual Report 2011



Science, Technology and Innovations for Africa Development

Edited by Prof. Kevin Urama

This report presents a summary of the STI capacity building activities and financial position of the African Technology Policy Studies Network (ATPS) Secretariat for the period 01 January 2011 to 31 December 2011.The report is organized under the strategic objectives outlined in the ATPS Annual Work plan for the period 01 January – 31 December 2011 as approved by the ATPS Board and our development partners.



Report of the Entrepreneurship Skills Training for Bioscientists in Eastern Africa

2012

The report details the two-day training workshop on Entrepreneurship Skills for Bio-Scientists in Eastern Africa under the Project Bio Science Innovation Policy Consortium for Eastern Africa (BIPCEA). The main aim of the training was to enable Scientists from other projects in the Bio-Innovate Programme acquaint themselves with requisite skills on enterprise establishment, management and operations, Techno-economic feasibility, due diligence and technology licensing among others.



UNESCO Science Report 2010 The Current Status of Science around the World

The Current Status of Science

Author / publishing institution: UNESCO Reference Works series

A detailed overview of the developments that have the global and characterized reaional scientific research, innovation and higher education areas over the last five years. The report shows that more countries are contrinbuting in science, research and development as international networks and research partnerships allow and encourage global participation. ATPS contributed a chapter.



Entrepreneurship Skills Training Manual for Scientists

2012

ல Sida

The training manual was produced as part of the implementation of ATPS mandates under the Biosciences Innovation Policy Consortium for Eastern Africa (BIPCEA) partnership Project. It is a booklet of instructions, designed to improve the quality of entreprenusrship in bio-sciences innovations.



Emerging paradigms, Technologies and Innovations for Sustainable Development: Global imperatives and African Realities

ATPS Annual Conference Programme and Book of Abstracts:

Edited by Prof. Kevin Urama, Dr. Kelali Tekle

The book contains the programme and abstracts of speakers during the Annual Conference held in 2012 in the New AUC conference Center. The overall purpose of the conference was to critically examine the current conditions, barriers and opportunities in the above thematic areas and provide policy options for transitions to more inclusive sustainable development in Africa.



Strengthening Linkages between Policy Research and Policymaking

Proceedings of the 2011 ATPS Annual Conference and Workshops

Edited by Prof. Kevin Urama, Nicholas Ozor, Ernest Acheampong

This proccedings detail the findings of the conference which was held from 07 – 11 November 2011 at the Mombasa Continental Resort in Mombasa, Kenya. The conference engaged a dynamic mix of scientists, policy-makers, science journalists and policy research advisors in stimulating debates addressing the gap between policy research and policymaking with a view to designing a proactive way forward for bridging this gap for African development

Compiled by Sarah Wakasa

ATPS Sectretariat Staff Highlights

New staff members



Dr. Edith Kirumba Research Officer – Post doctorate

B. Environmental Studies (Kenya, First Class Honours); MSc. Environmental Studies (Kenya); Ph.D. in Human Geography (University of Bordeaux 3 - France). Edith is a Post-Doctoral Research Officer at the African Technology Policy Studies Network (ATPS) in Nairobi, Kenya, where she undertakes research, capacity building programs, and fundraising activities. She is also the project coordinator for the African Women Forum for Science and Technology (AWFST). Edith has over seven years of experience in research having worked in international research programs focusing on environmental sustainability, agroforestry, climate change, eco-certification, gender, rural livelihoods, and agricultural markets, among others. Prior to joining ATPS, Edith was a doctoral research fellow at the World Agroforestry Centre (ICRAF) in Nairobi, Kenya. She has worked within collaborative research projects hosted by Kenyatta University, Technoserve Inc, the International Livestock Research Institute and the French Institute for Research in Africa (l'Institut Francais de la Recherche en Afrique). Edith has several publications in journals, books and conference proceedings. She has additional experience in participatory research methods, statistical analysis, fund raising and capacity building. She is also a member of several research networks such as CAAST, YPARD among others.



Ms Evelyn Otieno Communications and Outreach Officer

Ms Evelyn Otieno is a Communications and Outreach Officer at ATPS. Evelyn holds an MBA in Public Relations & Marketing from the University of Nairobi and a Bachelors' degree in Communication and Media Technology from Maseno University. She has years of experience in Communication from both the NGO and private sector.

Prior to her appointment, Evelyn worked as a Communications & Outreach Officer at Development Media. Evelyn has also served as a Programmes Manager - Communications and Editorials at Farm Concern International. Evelyn has also consulted for Uwezo Kenya/Hivos, Omega Foundation, Pan African Climate Justice Alliance, among others.



Ms Sarah Wakasa Communications Assistant

Ms Sarah Wakasa joined the ATPS family on 1 December 2012 as a Communications and Outreach Assistant. Sarah brings her rich years of experience in Communications and Outreach work.

Prior to her appointment at the ATPS she worked as the Communication/ Information Officer for the United Nations International Strategy for Disaster Reduction, Africa. She has also worked for the African Economic Research Consortium (AERC) as a Publications & Communication Assistant.Sarah also worked with the United Nations Environment Programme (UNEP) under the Division of Communication and Public Information (DCPI). She has also worked as a TV reporter.

Earlier on in Daystar University, she was a student editor for several universities' Publications and other communication material, Radio Presenter/Producer for the Student Radio Station. Sarah has also worked as Resident Advisor (Media/ Communications) for the I Choose Life Africa.







4.

- 1. ATPS **receives a** standing ovation for succesfully leading the 2012 Annual Conference.
- 2. Africa-Australia Research Forum, Perth, Australia, 28 August 2012
- 3. Partcipants at the **Bioscience Innovation Policy Consortium for Eastern Africa (BIPCEA)** project meeting in Bagamoyo, Tanzania, 15-18 January 2013.
- 4. ATPS Board Chair & Executive Director with ATPS-USA Steering Committee, Woodrow Wilson International Centre for Scholars, Washington DC, USA.
- 5. Officials of ATPS Zambia Chapter during the chapter re-launch in October 2012.
- 6. The ATPS 'dream soccer' team: ATPS family after a fun and rigourous football match during the Staff retreat in December 2012
- 7. ATPS' Carol Thuku (left) joins Ernest Acheampong (ATPS Research Officer) and his wife during their wedding in January 2013, in Ghana



PICTORIAL

unn







"Taking pictures is savoring life intensely, every hundredth of a second." Marc Riboud



Prof. Abeeku was the first chapter co-ordinator in ATPS Ghana It is with immense grief that the ATPS family announces the death of Prof. Abeeku Brew-Hammond. Abeeku became the first ATPS Ghana Chapter Coordinator in the 1990s.

He was instrumental in the re-organisation and building of a vibrant Chapter until 2002 when he was succeeded by the sitting Coordinator.

Abeeku moved on to found the Kumasi Institute for Technology and Energy (KITE), which has grown to become a renowned NGO in Ghana and beyond.

Always dynamic, Abeeku moved on from KITE to become an important figure in the Ghana's STI affairs, specialising in the energy sector. He was appointed the Chairman of the Energy Commission. He was also a Professor at the College of Engineering in Kwame Nkrumah University of Science and Technology (KNUST).

Prior to his death, Abeeku, was receiving treatment in London where he passed on at the age of 58. He was laid to rest on 27 April 2013. The ATPS deeply expresses condolences to Prof. Abeeku Brew-Hammond's family and the ATPS Ghana for this great loss.

Indeed, his death is a great loss to the ATPS Network and the STI community in Africa, and globally.

May his soul rest in peace.

The African technology Policy Studies Network (ATPS) is a multidisciplinary network of researchers, private sector actors and policy makers promoting the generation, dissemination, use and mastery of science, technology and innovation)ST&I) for African development, environmental sustainability and global inclusion. ATPS intends to achieve its mandate through research, capacity building and training, science communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy.



www.atpsnet.org

ATPS NEWS AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) 3RD FLOOR, THE CHANCERY, VALLEY ROAD P.O. BOX 10081-00100, NAIROBI, KENYA TEL: +254-20-2714092/2714498/2723800 FAX: +254-20-2714028

